California Energy Efficiency Coordinating Committee

Meeting #26

August 5&6, 2020 9:00 – 12:30

Teleconference

Draft Meeting Summary

Facilitators: Dr. Jonathan Raab, Raab Associates, Ltd. & Meredith Cowart, CONCUR

On August 5 (Part 1 – Northern/Central CA) & 6 (Part 2 – Southern CA), 2020, the California Energy Efficiency Coordinating Committee (CAEECC) convened a quarterly meeting of the full CAEECC via WebEx. Over 125 individuals participated each day, including 27 Full CAEECC Members, Proxies and Ex Officio. A full list of meeting registrants is provided in Appendix A.

Meeting facilitation was provided by Dr. Jonathan Raab (Raab Associates Ltd.) and Meredith Cowart (CONCUR Inc.). Meeting materials, including presentations, are provided on the CAEECC website.

* Part 1 meeting materials are posted here: <https://www.caeecc.org/8-5-20-coordinating-committee-meeti>, and
* Part 2 meeting materials are posted here: <https://www.caeecc.org/8-6-20-coordinating-committee-meeti>

In this document, the majority of the discussion is captured without attribution. In some cases, the affiliation of the speaker is identified, because their affiliation is relevant to the comment. Presentations are summarized only if the presenter did not use a PowerPoint presentation or if it is not available on the meeting webpages (see links above).

Following the presentations, key clarifying questions or comments are listed and relevant *responses to questions* are noted in *italics*. Where multiple responses were given, these responses are listed as sub-bullets. Public comment, and any responses given, is included following these discussion sections. Next Steps, at the end of this document, list all next steps discussed at the meeting.

**1. Introductions**

At the beginning of each part of the two-part meeting, CAEECC facilitator J. Raab opened the meeting, reviewed the agenda, and reviewed WebEx “housekeeping” protocols. The primary focus of the two-part meeting is for stakeholders to receive information and then provide feedback on the Program Administrator’s (PA’s) draft Annual Budget Advice Letters (ABALs). In addition, the group received updates during Part 1 of the meeting on (1) program closure documentation, (2) the CPUC ruling addressing the impacts of COVID-19, (3) the Underserved Working Group, (4) the MTWG & MTA Solicitation Process, and (4) the 3rd Party (3P) solicitation. In Part 2 of the meeting the group also discussed (5) the CAEECC Direction on Workforce Standards and whether action can now be taken.

**2. Draft ABALS**

***PG&E 2020 Draft ABAL Summary, Michael Burger and Mananya Chansanchai***

This presentation is available on the CAEECC website (see link above to Part 1 Meeting Materials, *PG&E 2021 Draft ABAL (7.28.20),* under “Documents Posted Before the Meeting”).

Clarifying Questions and Comments on PG&E’s presentation:

* Are you still on track to meet your 40% 3P target by 12/31?
  + *Yes, we are currently on track to have at least 40% of our portfolio outsourced by the end of the year.*
* You mentioned that some programs will continue into 2021 – can you provide more detail on which programs?
  + *We are particularly concerned about SMB and want to make sure we have a program in place for these businesses to go to, so we plan to continue to fund some existing programs until we find a solution ideally in Wave 2 of solicitations.*
* Could you explain the challenges you mentioned with regards to new SMB programs?
  + *We’re moving forward with some programs that will support SMB programs while we move into wave 2 active negotiations. If these programs look viable and have an SMB component, we will move forward with those. If these are not successful, we’ll continue with our existing SMB programs and may put out a targeted RFP for SMB. We are also encouraging the use of on-bill financing (OBF) for SMBs to help with anticipated cash flow issues.*
* Could you provide more detail on how PG&E is managing PA costs? Will this detail be included in your AL?
  + *PG&E has been refining operational efficiency over the last several years. We will continue to do so in 2021 and beyond to the degree possible given that we still need significant staff while we ramp up and down programs, manage solicitations, etc, though we expect these costs to decrease over time. The supplemental tables in our AL provide a functional level view of our 2020 forecast versus 2019 actuals, so this will give you a year to year comparison. You will see there that we’ve made reductions in those areas.*
* You anticipated exceeding your goal – is this realistic? What is your plan for tracking progress, ensuring stakeholder transparency, and making course corrections if needed?
  + *We think our forecast is very realistic. Our ability to meet our forecast is largely reliant on 3P implementers. We will meet with implementers on a monthly basis for performance check-ins. In the first 6-9 months we will not be exceptionally concerned if implementers are not achieving CE as we want to give them time and space to be successful.*
* What proportion of your contracts are Pay-for-Performance (P4P)?
  + *All Wave 1 contracts have an element of P4P, in order to put accountability on 3Ps to deliver Cost Effectiveness (CE).*
* Will PG&E’s proposal to regionalize the company’s operations impact EE in terms of implementation and admin?
  + *We are still working on how regionalization will look organizationally and structurally, so I can’t provide many details at this time. As we learn more, we will engage with our partners to be sure that we are all on the same page.*
* Can you confirm that unspent/uncommitted funds will be used to reduce rates? Would you consider making mid-year adjustments to your portfolio?
  + *Yes, these funds will be returned to ratepayers. We actively track spending and look for opportunities to adjust the portfolio month to month. We are not sure of the regulatory pathway for returning funds to ratepayers. If this were to occur we would immediately discuss the details with Public Advocates Office.*
* Could you explain how you arrived at your forecast for the commercial, industrial and finance sectors? For example, for the industrial sector, how did you arrive at a lower spend than previous years but higher savings?
  + *For commercial, our forecast is based on the contracts signed in Wave 1 and placeholders for Wave 2 that will be completed by the end of the year. The majority of the savings forecast is statewide and non-PG&E-led. For the industrial sector, a few major customers are driving savings. For finance, this is primarily composed of an OBF revolving loan with several large projects coming through*
* How large will the OBF loan pool be in 2021?
  + It will be at least $135M and we forecast that it will be far more, though we are not yet certain.
* Can you elaborate on the comment that several existing contracts qualify under the 3P?
  + *Specifically, our current Residential P4P and Residential behavioral programs count towards those.*
* It is commendable to support SMB programs due to COVID impacts. Why close down other programs less impacted by COVID?
  + *We are taking all of our programs through the solicitation process, so having the available budget to do that is important. We are not closing any programs that are highly CE. We are not closing down any programs due to COVID.*
* Could you elaborate on the difference between finance and the OBF loan pool categories?
  + *The OBF loan pool line item is the loan pool addition amount; finance is the projects coming through that are leveraging financing.*

***BayREN 2020 Draft ABAL Summary, Jenny Berg***

This presentation is available on the CAEECC website (see link above to Part 1 Meeting Materials, *BayREN 2021 Draft ABAL (7.28.20),* under “Documents Posted Before the Meeting”).

Clarifying Questions and Comments on BayREN’s presentation:

* Since RENs are not required to meet the CE test, how much do you evaluate other non-CE values/intangible benefits, such as the economic multiplier effect?
  + *We are working with the CPUC to capture and report on non-CE values*
* What are you doing to account for the potential impacts of COVID on BayREN’s SMB P4P program forecasts?
  + *We are switching to comparison group model for our M&V plan. We are also increasing our incentives which we are scaling incrementally – essentially we are trying to pay a premium for the initial group of projects in order to reduce risk and improve implementer cash flow. This fits within the 2020 budget allocation.*
* Since this SMB P4P program was launched in 2020 – does your forecast account for the impacts of COVID?
  + *We soft launched the program this year, so the forecast is not based on past performance. We are cautiously optimistic about the program, and plan to scale it if the trends continue as expected.*
* Could you explain the value pillar in more detail?
  + *The value pillar was created out of BayREN 2020 process evaluation, which is linked to in our draft ABAL. The CPUC asked RENs to provide information on the ways in which they provide value that cannot be captured in the CE measures and tests, such as providing energy savings to populations that it is otherwise difficult to serve. We will add further information on the value metrics that BayREN is using to the CAEECC website.*
* You mentioned in your presentation that where you have programs promoting electrification this has an impact on CE, can you explain this?
  + *We noticed that when we ran individual fuel substitution measures through the CET, it had negative TRC values. It seems that the CET is not looking at the full benefits of electrification. So we had to think outside the box and bundle those measures in with other EE measures to improve cost effectiveness. Recent updates to the CET were supposed to address this, but we haven’t seen many changes.*
* For your 3P contracts, are 3Ps proposing, designing and delivering these programs?
  + *Yes*

***MCE 2020 Draft ABAL Summary, Alice Havenar-Daughton and Qua Vallery***

This presentation is available on the CAEECC website (see link above to Part 1 Meeting Materials, *MCE 2021 Draft ABAL (7.28.20),* under “Documents Posted Before the Meeting”).

Clarifying Questions and Comments on MCE’s presentation:

* To what extent do your Total Resource Cost (TRC) calculations or Avoided Cost (AC) estimates reflect 2020 Avoided Cost Calculator (ACC) updates from the CPUC in April?
  + *Our calculations reflect the most recent ACC updates released in June*
* What are you doing to account for the potential impacts of COVID on MCE’s SMB P4P program?
  + *I believe we will be following BayREN’s approach*
* Industry and Agriculture show high TRCs – do these reflect 2020 forecasts or do they account for the likely impacts of COVID?
  + *The forecasts are a combination of projections based on experience to date and deemed and custom savings projections based on what we expect in the future.*
* My understanding is that MCE is expanding into Vallejo and Solano County – do you expect to expand your industry, commercial and agriculture programs?
  + *Yes, our ABAL reflects this expansion*
* MCE’s Multi-Family Direct Install program is discontinuing – will these be entirely phased out or is another program taking its place?
  + *We have other programs that offer the same types of services but are more comprehensive*
* MCE’s ABAL should distinguish between low-income offerings and other programs
  + *MCE tracks those savings and costs separately*

***3CREN 2020 Draft ABAL Summary, Alejandra Tellez***

This presentation is available on the CAEECC website (see link above to Part 1 Meeting Materials, *3C-REN 2021 Draft ABAL (7.28.20),* under “Documents Posted Before the Meeting”).

Clarifying Questions and Comments on 3CREN’s presentation:

* SoCalREN and 3CREN need to file a JCM next year for your multi-family program
* What criteria will 3C-REN use to evaluate RFA requests for your multi-family program?
  + *RENs are not held to CE and we don’t have Independent Evaluator review of RFA criteria. We will post our evaluation criteria to the CAEECC website.*
* How did you define Hard to Reach?
  + *We follow the CPUC definition of Hard to Reach*
* Are your remote workforce and education trainings more or less expensive now that they are virtual?
  + *The up-front costs are higher because it is time-intensive to move the trainings online, but the other costs are lower. We expect the up-front costs to level off eventually.*
* Can you confirm that these are 2021 numbers?
  + *Yes, they are.*
* Per D.19-08-034, RENs and CCAs are still required to strive for the approved savings goals, but your true up tables show much lower savings for 2021 and much higher spend than approved. Can you explain why this is?
  + *Regarding savings, the 2019 forecast was based on DEER forecasts, and there have been many changes to DEER numbers that have impacted our savings. Savings are now less for measures that were originally proposed. Regarding budget, we are behind on our spend in Residential Direct Install because of the Shelter-in-Place orders, so this money is rolling over. In order to launch multi-family program, we need a robust budget to launch the program to get back on track.*
* What is 3C-REN doing to communicate the unique benefit/value pillar metrics of RENs?
  + *We are working with stakeholders to get feedback on these values and develop a proposal. We will include some metrics in our ABAL this September, and will have more when we file our Business Plan.*

***SCE 2020 Draft ABAL Summary, Tory Weber***

This presentation is available on the CAEECC website (see link above to Part 2 Meeting Materials, *SCE 2021 ABAL Presentation (7.29.20),* under “Documents Posted Before the Meeting”).

Clarifying Questions and Comments on SCE’s presentation:

* Given that the public sector RFA is pushed out until 2021, what does SCE anticipate the public sector programs to look like until then?
  + *We have closed the non-resource programs but still have the resource and High Opportunity Programs or Projects (HOPs) aspects of the public sector portfolio.*
* We are concerned about the timing of your supplemental ABAL [around Halloween], as it does not allow enough time for detailed stakeholder review and comment.
  + *We hope to file in October, though of course there is some uncertainty. We’ll work with Public Advocates Office and other stakeholders to ensure that there is sufficient time for review and comment.*
* Can you describe your trainings in more detail?
  + *Our trainings are similar to pre-COVID trainings, but now they are all virtual.*
* Your draft ABAL shows a low Q1 TRC but a much higher overall TRC – please explain.
  + *Q1 typically presents a low TRC due to accrual from the past year and high initial costs. This Q1 TRC is not low due to COVID, as our programs had not yet been paused.*
* SCE targets appear unrealistic. What is your plan for tracking progress, ensuring stakeholder transparency, and making course corrections if needed?
  + *We are emphasizing P4P contracts and driving towards more innovative ideas in order to balance CE with delivering programs to Hard to Reach customers.*
* Rates and bills are very difficult for many customers right now – what are you doing to address that?
  + *We’ll bring that comment back to our regulatory team.*
* Your true-up table (slide 5) states that “IOU EM&V includes RENs’ EM&V”, but this should not be the case as this is double-collecting.
  + *Thank you for the clarification*
* You have noted a 20% reduction in non-resource programs – how is SCE planning to maintain delivery of non-resource programs?
  + *This is not a 20% reduction in non-resource programs but a reduction is SCE labor, which is a non-resource cost.*
* Why are industrial sector savings 5 times those of the last couple of years?
  + *This was a rough estimate based on all proposed contract results but it’s not fully representative -- we are being cautious with this calculation until we get to our supplemental ABAL.*
* How will SCE maintain projected TRC and avoid gaps in the portfolio if 3P contracts don’t result in enough contracts to meet this requirement, given that you have not yet signed your contracts?
  + *We’ve budgeted for our most CE programs to continue into next year – plan is to keep these open for customers. Maintaining a CE portfolio will be difficult using our existing programs, but we’re continuing to trim costs out of the portfolio and we’re confident we can get the anticipated solicitations signed and finalized.*
* What criteria were used to eliminate programs or reduce budget?
  + *TRC test was used to eliminate SCE programs and make room for 3P-run programs.*
* Why has there been a drop in the budget for OBF loan pool?
  + *Strangely, we are seeing a drop in loan applications, even though we got Advice Letter approval to up the loan cap.*
* Can you explain the OBF loan repayment accounting protocol?
  + *SCE does not use a revolving loan, so for accounting purposes loans that are repaid then need to be put back into the general portfolio.*
* Are non-energy benefits excluded from TRC? If so, has SCE considered incorporating alternative measures (e.g. higher net to gross for DACs) that can improve the CE of programs that target HTR/DAC/SMB?
  + *Yes, non-energy benefits are excluded from TRC, though non-energy costs are included. This is the basis for the unbalanced valuation of HTR/DAC/SMB programs.*
  + *SCE has considered ways to target these communities and will continue to try to do so.*
* Is the category waste water pumping limited to pumping or is waste water also included?
  + *We will look into this and get back to you.*
* Are you far enough along in the 3P solicitation process that the bottom line TRC and savings presented here are stable, or is the October supplemental likely to show very different results?
  + *We hope the two will be similar, but it’s hard to say right now.*

***SoCalGas 2020 Draft ABAL Summary, Darren Hanway***

This presentation is available on the CAEECC website (see link above to Part 2 Meeting Materials, *SoCalGas 2021 ABAL Presentation (7.29.20),* under “Documents Posted Before the Meeting”).

Clarifying Questions and Comments on SCG’s presentation:

* We [SoCalREN] have developed a Kits for Kids program that could be compatible with your Living Wise programs - we should continue to coordinate to identify areas where we can supplement or complement your programs.
  + *Absolutely – we came up with this approach after schools closed as a way to engage children and parents around efficiency in a virtual classroom setting*. *To the extent that Kits for Kids can leverage that infrastructure or learnings we think that would be a good step.*
* In 2019 SCE’s claimed savings were 1.19 and filed were 0.69. In 2020 you filed 1.25 in Q1 and are now at 0.38 – given that past experience, what is substantially changing that makes you think you will be exceeding that substantially?
  + *Our projections in this ABAL are less due to fundamental shifts in program design, and more due to specific industrial projects that were pushed out from 2019 but that we expect to land in 2020 or 2021. We will also continue to further refine other programmatic activities to improve CE. COVID and the decline in price of oil could impact this.*
* Regarding Living Wise, you mentioned mailing LED light bulbs, how is this an efficient use of ratepayer funds?
  + *This was an off the cuff example, but not something that we actually do.*
* Since 2018 the Residential sector has consistently been a high savings sector by a significant margin, but also the least CE sector based on confirmed claimed TRC ratios in CEDARS. Can you provide insight as to why that might be for that sector?
  + *Around 2018 we began shifting our portfolio away from larger industrial projects to diversify portfolio. In residential sector, we began using behavior reports which have led to a dramatic increase in therm savings. We had several challenges but are now seeing greater engagement with industrial projects as well, although some of these strategies have lower CE. We are now making further changes to how we engage with residential customers (e.g. rebate processing through AI) which we hope will start to show shift in CE for that area.*
* It looks as if SoCalGas has expended a great deal of the 2018-2025 budget cap listed in its Business Plan already, how does the company plan to remain within this cap?
  + *I believe there was a supplement to that budget, but I’ll reconfirm.*
* Regarding the Living Wise program, studies show that installation rates are very low, why are you pursing these programs?
  + *Our program incorporates kits into academic curriculum in school learning programs, and we see much higher install rates.*
* Do you have any initiatives or programs focused on methane capture and usage?
  + *We have a set of programs that are developing business cases – once these are accepted by the CPUC, we’ll work to tie this in to our programs.*
* Where is the CPUC in the process of evaluating TRC?
  + *Energy Division: We finished evaluating TRC this spring.*

***SoCalREN 2020 Draft ABAL Summary, Lujuana Medina***

This presentation is available on the CAEECC website (see link above to Part 2 Meeting Materials, *SoCalREN 2021 ABAL Presentation (8.1.20),* under “Documents Posted Before the Meeting”).

Clarifying Questions and Comments on SoCalREN’s presentation:

* When developing your draft ABAL in the future, please balance quality control with the need for stakeholders to review substantive draft numbers in a timely fashion.
* Regarding Kits for Kids, how are you ensuring that you don’t overlap with IOUs?
  + *We met with the IOUs in June to discuss these programs. We are targeting younger grades (3rd, 4th and possibly 2nd) while they are targeting older children. The Living Wise program by SoCalGas has an academic approach, while our kits for younger kids provide interactive activities. Instead of working with teachers to provide the kits, we send them directly to kids and pay the postage.*
  + *How many kits are you sending and what are your savings forecast?*
  + *We are sending 5,000 kits and expect between 659,000 – 1 Million kWh (depending on which approach is selected) and 76,500 therms.*
* Regarding your new WE&T sub-program, Green Path Career, did you first conduct market research to determine if there is demand for this program?
  + *We conducted research through a regulatory partnership and determined that there is a gap in programs being offered to youth in the foster care system, in that they don’t focus on energy efficiency and that there is need for more intensive support for youth to gain employment.*

***SDG&E 2020 Draft ABAL Summary, Rama Moorthy***

This presentation is available on the CAEECC website (see link above to Part 2 Meeting Materials, *SDG&E 2021 ABAL Presentation (8.5.20),* under “Documents Posted Before the Meeting”).

Clarifying Questions and Comments on SDG&E’s presentation:

* What is your plan for tracking progress, ensuring stakeholder transparency, and making course corrections if needed?
  + *All contracts are P4P. We will meet with 3Ps monthly to assess program and make course corrections as needed. I am not sure how we will engage with stakeholders around progress towards our goals and targets.*
* How does calculating TRC on EE improvement w/respect to solar panels – planning to install solar PV rooftop 1st asses EE improvements – does the CE analysis reflect the fact that the cost savings
* Does the TRC analysis reflect customer savings when EE improvements are made for customers who are installing solar panels, and fewer solar panels are needed due to the EE efforts?
  + *No, that’s not accounted for by individual IOUs and it is not part of the TRC process*
* It appears that your Residential sector programs offer more opportunity at a lower cost than your Commercial programs, and Residential also outperformed Commercial in 2018, but you have allocated a higher budget to Commercial. Why is that?
  + *We expect our commercial programs to perform better in 2021 as they are now using new strategies (behavioral energy reports, audit tools, resource rather than non-resource) and will be entirely run by 3Ps.*
* What is SDG&E’s plan for tracking internal overhead costs separately from 3P contracts, for transparency? Is there a cap or target associated with these activities?
  + *We are following the cap and target guidance, and running 3P programs separately from SDG&E programs and costs.*
* How will you transition between existing contracts and new contracts?
  + *For the programs that are transitioning, we will continue existing contracts but will shut down participation for new contracts. We intend to close old programs exactly when new programs come on line.*

**3. Important Updates**

***Program Closure Documentation, Alison LaBonte, ED***

A. LaBonte presented the template for 2021 Program Level Tables that ED is asking PAs to fill out for their 2021 ABALs, in order to. more clearly demonstrate for stakeholders the logic of portfolio redesign and how changes to portfolios have manifested. In response to questions, A. LaBonte noted that the template is available on the CAEECC website (see link above to Part 1 Meeting Materials, *2021 Program Level Tables (8.5.20),* under “Documents Posted Before the Meeting”) and that she would also email it to all PAs. A CAEECC Member asked where or how to include the table in the ABALs. A, LaBonte responded that the table should be an appendix to one of the paper filings, and not included as an additional table in CEDARs, although she is open to other suggestions if PAs prefer a different method.

***CPUC Ruling Addressing Impacts of COVID-19, Nils Strindberg, ED***

This presentation is available on the CAEECC website (see link above to Part 1 Meeting Materials, *AC & ALJ Scoping Ruling – Impact of COVID-19 (7.28.20),* under “Documents Posted Before the Meeting”). Following this presentation, Members asked clarifying questions and made comments. One Member asked whether stakeholders can still comment on the Scoping Ruling, and N. Strindberg responded that comments on the proposed schedule are welcome. Another Member asked whether ED expects that there will be changes to the Potentials and Goals due to COVID, and N. Strindberg responded that he would follow up with the relevant staff to answer this question. Another Member asked whether the CPUC will take COVID into account when considering the Cost Effectiveness (CE) of 2021 ABALs; N. Strinberg responded that ED does not plan to change the CE requirements due to COVID. Stakeholders discussed a concern that the timing of the new EE filings (September 2021) does not allow sufficient time for a robust collaborative stakeholder effort around elements of PA portfolio applications as proposed by the EE Filing Processes Working Group. L. Ettenson stated that she would reach out to other CAEECC Members to develop a proposal to address this issue.

***Underserved WG, Lara Ettenson, NRDC and Jenny Berg, BayREN***

L. Ettenson explained that the CAEECC-hosted Underserved Working Group has been meeting to examine the hypothesis that some socio-demographic and geographic groups in California are underserved by energy efficiency programs. The group is in the process of analyzing who is underserved in the residential sector, and will also analyze who is underserved in the small medium business (SMB) and public sectors. The next phase of the analysis will be to explore why certain groups are underserved, for any groups that are so identified. J. Berg added that there has been strong interest in the working group, with active participation from a diverse range of stakeholders. Following the presentation, a Member asked whether income is a component of the analysis, and L. Ettenson responded that income is one of the socio-demographic indicators. She added that the group has not yet defined the threshold for being underserved.

***MTWG & MTA Solicitation Process, Jonathan Raab, CAEECC Facilitation & Christie Torok, ED***

J. Raab reminded the group that the Market Transformation Working Group met between November 2018 and March 2019, culminating in a consensus report, with the exception of two items: who the Market Transformation Administrator (MTA) will be, and Cost Effectiveness for Market Transformation Initiatives (MTIs)) that was filed with the Commission on March 19, 2019. The CPUC accepted most of the MTWG recommendations, decided the non-consensus issues for the time being, and asked the MTWG to reconvene prior to the hiring of an MTA to further flesh out a series of issues related to the potential overlap between future particular market transformation initiatives and other EE Efforts. The first meeting of the MTWG – Part II will be on August 11, 2020.

C. Torok stated that the CPUC issued an invitation to parties to participate in the Scoring Committee to be assist in the selection of an independent Market Transformation Administrator (MTA). The Scoring Committee will be made up of 3 distinct groups of parties: 1. PAs, 2. Regulatory Agencies, and 3. Public Interest/Ratepayer Advocate Groups. The intent of the Scoring Committee is to recommend a bidder for the MTA to the CPUC. C. Torok added that any organization wishing to be on the scoring committee, or sponsoring an organization on the scoring committee, must provide information as requested, commit to participate in the ~1yr process, and agree to abstain from MTI work for a period of two years.

***3rd Party Solicitations, Matt Evans, SCE (on behalf of IOUs)***

This presentation is available on the CAEECC website (see link above to Part 1 Meeting Materials, *IOU 3P Solicitation Update August 2020 (7.29.20),* under “Documents Posted Before the Meeting”). There were no questions following M.Evans presentation on behalf of all the IOUs.

***Additional Workforce Standards, Lara Ettenson, NRDC***

This presentation is available on the CAEECC website (see link above to Part 2 Meeting Materials, *Direction to CAEECC on Workforce Standard (7.28.20),* under “Documents Posted Before the Meeting”). L. Ettenson reminded the group that the Commission provided direction to CAEECC on workforce standards in D.18-10-008 to “convene stakeholder discussion no later than July 1, 2020 to discuss and vet experience with workforce standards required in this decision and the potential for additional application of these standards or the introduction of new standards into the energy efficiency portfolios.”

L. Ettenson proposed that the CAEECC defer this item until 2021, as data is still not sufficient given that 3P contracts are only now being signed.

Members agreed with the proposal to defer this item for now, and to revisit it again in 2021. One Member noted that the group will need to consider how data on workforce standards will eventually be gathered and reviewed. L. Ettenson agreed, noting that the group will need to identify which programs triggered the workforce standards requirement and how this impacted progress on the ground. An IOU Member added that 3rd Party Implementation plans identify the workforce standards for each program.

**4. Next Steps**

CAEECC Members:

* Fill out the [CAEECC Evaluation](http://r20.rs6.net/tn.jsp?f=001P_DftC3O18YNx3AkZxXW6sb4fGhtzBHoqx1EGD2eYAEcnihPbCytAwKwuTx9HbtReZfB96tzCTvUlxboTlUHVHnY2XW3SYEq2MQ-9ZhpxelB0h3QrPZfmRmxbfsmbDYfxxmqeR1ZP73hBXnFs3ELU8SkQdLx_Z2w33jEQS_HCHc=&c=iPKSneN1TBGLBCPP9DeRR7gawhuDmDzqX-dFor_G8U7lSGR0EEW85A==&ch=-kdzILqoVTwynxyQXfEANXP-sGJTf10Qej-RvusDnp8guMp6MGX9Wg==) of the meeting (as required by our CAEECC groundrules) no later than COB Monday August 11th
* Consider the request to shift the next **Full CAEECC** meeting to **December 3, 2020**, and let the facilitation team know ASAP if this is a problem.
* *L. Ettenson*: Reach out to other CAEECC Members to develop a proposal to address the timing of new EE Filings to ensure robust stakeholder participation.
* *J. Berg:* Coordinate with facilitation team to post information on the value metrics that BayREN is using to the CAEECC website.
* *A. Tellez:* Coordinate with facilitation team to post 3C-REN evaluation criteria to the CAEECC website.

All Stakeholders:

* Provide PAs with any follow up written comments on their Draft ABALs by Wednesday, August 13, 2020.

Facilitation Team:

* Confirm scheduling and prepare for next Full CAEECC meeting (on December 3, 2020 unless otherwise determined).
* Develop, post and notice draft meeting summary (this document) to the meeting webpages by Thursday, August 13, 2020, COB.

Energy Division:

* *N. Strindberg:* Follow up with ED staff to determine whether there will be changes to the Potentials and Goals due to COVID

**Appendix A: Combined Meeting Registrants (attending one or both days)**

|  |  |  |
| --- | --- | --- |
| **CAEECC Members/Proxies and Ex Officio** | | |
| **First** | **Last** | **Affiliation** |
| Alejandra | Tellez | 3C-REN |
| Jenny | Berg | ABAG/MTC |
| Lacey | Tan | BayREN/Frontier Energy |
| Michael | Campbell | Cal Advocates |
| Greg | Wikler | CEDMC |
| Brian | Samuelson | CEC |
| Bernie | Kotlier | CEE |
| Raghav | Murali | Center for Sustainable Energy (CSE) |
| Stephen | Gunther | Center for Sustainable Energy |
| Dan | Suyeyasu | CodeCycle |
| Christina | Torok | CPUC |
| Nils | Strindberg | CPUC |
| Alison | LaBonte | CPUC |
| Peter | Franzese | CPUC |
| Lou | Jacobson | Eureka City Schools |
| Qua | Vallery | MCE |
| Alice | Havenar-Daughton | MCE |
| Lara | Ettenson | NRDC |
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| Tessa | Sanchez | SF Department of the Environment |
| Matt | Evans | SCE |
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| Ted | Howard | Small Business Utility Advocates |
| Randy | Young | SMART 104. |
| Erin | Brooks | SoCalGas |
| Julie | Tan | SoCalREN |
| Lujuana | Medina | SoCalREN |
| **Other Participants** | | |
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| Anne | Fisher | CA Energy Commission |
| Meredith | Cowart | CAEECC Facilitation |
| Richard | Lord | Carrier Corporation |
| Sabrina | Oudin | Center for Sustainable Energy |
| James | Russell | CLEAResult |
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| Joanne | O'Neill | CLEAResult |
| Alexander | Scott | CLEAResult |
| Rebecca | Elmore | College of the Desert/IEDRC |
| Ashley | Watkins | County of Santa Barbara |
| Lisa | Paulo | CPUC |
| Mona | Dzvova | CPUC |
| Cheryl | Wynn | CPUC |
| Amy | Reardon | CPUC |
| Don | Arambula | DAC |
| Katie | Green | DNV GL |
| Tyler | Mahone | DNV GL |
| Ryan | Kroll | Driftless Energy |
| Lore | James | Ecology Action |
| Josiah | Adams | Ecology Action |
| Brian | Haines | EEM Advisors LLC |
| Rod | Williams | Embertec USA |
| Mike | Myser | Energy Platforms |
| Anne | Arquit | Enervee |
| Jeff | Guild | Enovity |
| James | Crossman | FESS Energy, Inc. |
| Nancy | Barba | Frontier Energy |
| Frank | Spasaro | FS Consulting |
| Alice | Sung | Greenbank Associates |
| Jay | Luboff | Jay Luboff Consulting |
| Jeff | Allen | Leidos |
| Hob | Issa | Lincus |
| Cody | Coeckelenbergh | Lincus, Inc. |
| Vicken | Kasarjian | MCE |
| mark | wallenrod | MWC |
| Donald | Gilligan | NAESCO |
| Kimberly | Rodriguez | Nexant |
| Patricia | Neri | Non-SCE representative |
| DAVID | SIDDIQUI | ORACLE / OPOWER |
| Charlie | Buck | Oracle/Opower |
| Jeffrey | McDowell | Pacific Gas & Electric |
| Nancy | Goddard | Pacific Power |
| Colleen | Breitenstein | PG&E |
| Valerie | Tam | PG&E |
| Lucy | Morris | PG&E |
| Michael | Burger | PG&E |
| Rob | Bohn | PG&E |
| Mananya | Chansanchai | PG&E |
| Jenny | Roecks | PG&E |
| Matthew | Braunwarth | PG&E |
| Kate | Schulenberg | PG&E |
| Roopa | Reddy | PG&E |
| Lindsey | Tillisch | PG&E |
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| Jonathan | Raab | Raab Associates |
| Aisha | Cissna | RCEA |
| Carmen | Best | Recurve |
| Andrew | Terenzio | Recurve |
| Corey | Grace | Resource Innovations |
| Jeremy | Sasse | RMS Energy Consulting, LLC |
| Larry | Tabizon | SCE |
| Tory | Weber | SCE |
| Brian | Maloney | SCE |
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| Linda | Hewitt | SCE |
| Ruby Rose | Yepez | SCE |
| Paul | Kubasek | SCE |
| Joni | Key | SCE |
| Jessica | Lau | SCE |
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| Randall | Higa | SCE |
| Gary | Golden | SCE |
| Charles | Kim | SCE |
| Steven | Loi | SCE |
| De De Henry | De De Ludd | SDG&E |
| Jon | Kochik | SDG&E |
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| Maya | Mgoian | SDG&E |
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| Rama | Moorthy | SDGE |
| Dominique | Michaud | SDGE |
| Marianne | Sy | SDGE |
| Chauncy | Tou | SoCalGas |
| Darren | Hanway | SoCalGas |
| Alma | Briseno | SoCalGas |
| Carlo | Gavina | Socalgas |
| Vanessa | Gomez | SoCalGas |
| Joe | Cruz | SoCalGas |
| Becky | Estrella | SoCalGas |
| Ana | Aceves | SoCalGas |
| Jennifer | Vaughn | SoCalGas |
| Paulo | Morais | SoCalGas |
| Jeannie | Kong | SoCalGas |
| Tina | Kashefinejad | SoCalGas |
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| David | Shallenberger | Synergy Companies |
| Craig | Perkins | The Energy Coalition |
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| Edmund | Novy | USGBC-LA |
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